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(11) **EP 0 737 980 A3**

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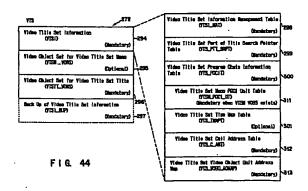
EUROPEAN PATENT APPLICATION

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- (22) Date of filing: 12.04.1996

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- (84) Designated Contracting States:
 AT BE CH DE ES FR GB IT LI LU NL SE
- (30) Priority: 14.04.1995 JP 114017/95
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- (54) Recording medium capable of interactive reproduction and reproducing system for the same

On an optical disk, video object sets (VTST_VOBS) (295) to be reproduced and video title set information (VTSI) serving as management information table (101, 294, 300, 304) on the video object sets have been stored. In each video object set (VTST_VOBS) (295), a lot of data cells (105, 284), each containing video, audio, and sub-picture data, are arranged. Management information table (101, 294, 300, 304) on programs chains, which are combinations of programs to be reproduced one after another, has been written in a video title set PGC table (VTS_PGCIT). By referring to the PGC table (VTS_PGCIT) according to the user's input, the playback order of PGCs can be changed, enabling the PGCs to be reproduced one after another in various modes.





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Category	Citation of document with in of relevant pas			elevant claim	CLASSIFICATION OF THE APPLICATION (Int.CL6)
X	* page 5, line 25 - figure 17 *		1,2, 12-15, 19,21, 22,28, 35-42, 51,52, 65-70		G11B27/32 G11B27/10 G11B27/034 G11B19/02 G11B27/34 G11B27/00 H04N5/85 H04N5/92 H04N5/926
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	* column 3, line 37 * column 6, line 43 * column 9, line 34 claims 1,6-15,17-20 L: applicant	- column 8, line 55 - column 19, line 4	*	-80	TECHNICAL FIELDS SEARCHED (Int.Cl.6) G11B H04N G06F G09B A63F H04H
·	The present search report has b	neen drawn up for all claims Date of completion of the se	art)		Examiner
	THE HAGUE	11 February		n _a	almans, F
Y:pa	CATEGORY OF CITED DOCUME rticularly relevant if taken alone rticularly relevant if combined with an	NTS T: theory or E: earlier profite the other D: documen	T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application		
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	* page 3, line 5 - * page 8, line 13 - * page 38, line 23	page 5, line 2 * page 32, line 28 * - page 63, line 23 *		
A	EP 0 614 188 A (SON	Y CORPORATION)	1,11-1 21, 34-40, 51, 64-70, 81, 91-95, 101,	technical fields
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A	EP 0 542 377 A (PHI LIMITED)	LIPS ELECTRONICS UK	20 28 35 49 65	-14, ,21, -40, -51,	
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A	WO 94 30014 A (SONY	CORPORATION)		21,51, ,101,	
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	Place of search	Date of completion of the se	arch	Τ	Examiner
		11 February		Daa	lmans, F
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	THE HAGUE	11 February 19	997 Daa	lmans, F
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European Patent

Office CLAIMS INCURRING FEES The present European patent application comprised at the time of filing more than ten claims. All claims tees have been paid within the prescribed time kmit. The present European search report has been Only part of the claims less have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims. LACK OF UNITY OF INVENTION The Search Division considers that the present European patent application does not comply with the requirement of unity of invention and relates to several inventions or groups of inventions, namely: see sheet -B-All further search fees have been paid within the fixed time limit. The present European search report has $\overline{\mathbf{X}}$ been drawn up for all claims. Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respects of which search tees have been paid, namely daims: None of the further search lees has been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims. namely claims:

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LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirement of unity of invention and relates to several inventions, namely:

1. Claims 1-120

Record medium and recording and playback

apparatus/method therefor.

2. Claims 121-140

Broadcasting/transmission system.